





成虫单个复眼的小眼数分别约为 705 和 691，数量间无显著差异(表 1)，其两性成虫复眼表面小眼间均有随机排列的、着生在臼状窝中的感觉毛，感觉毛的大小和形状也有差别(图 1: G~I)。

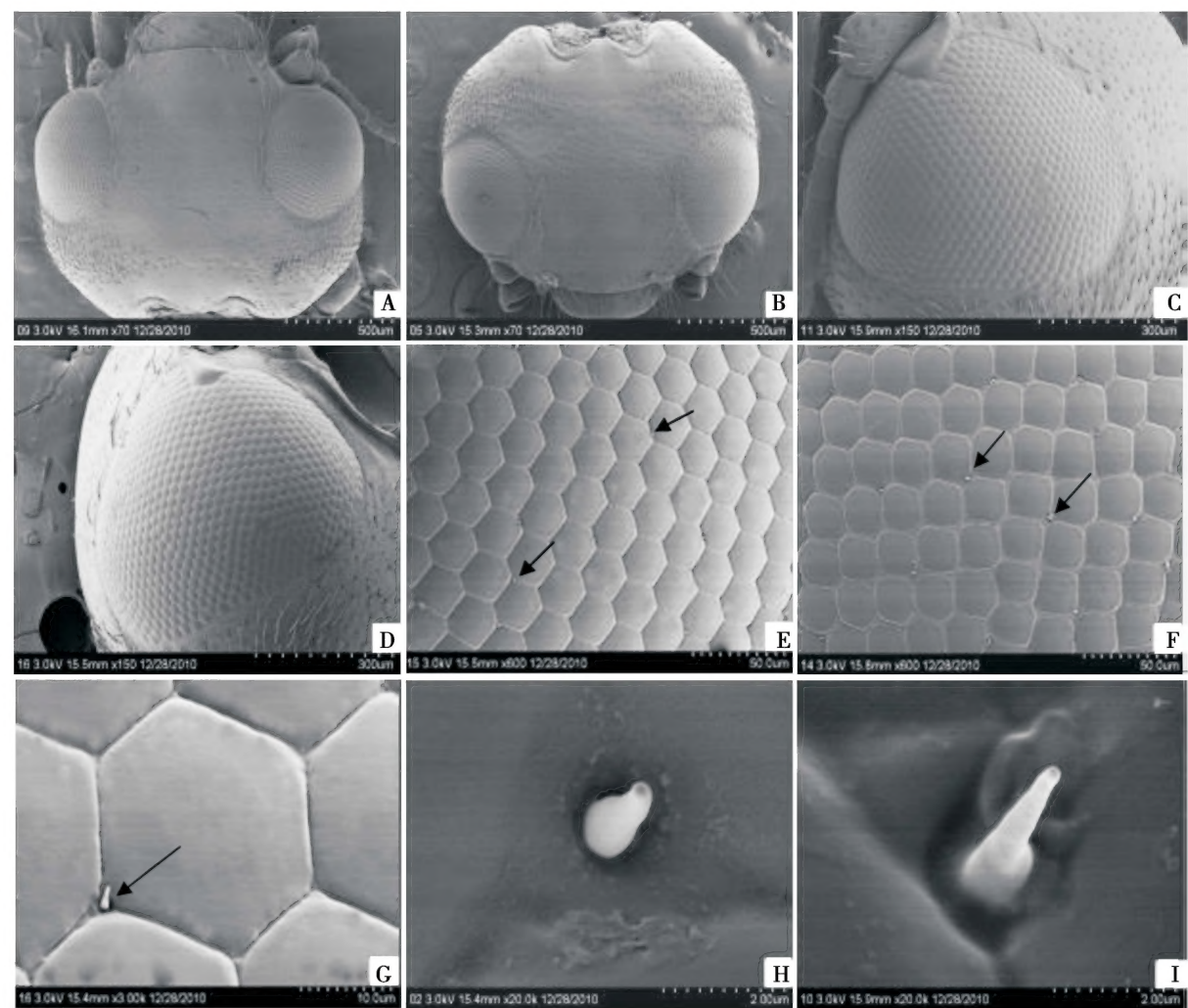


图 1 异色瓢虫显现变种雌、雄成虫复眼的扫描电镜观察

Fig. 1 Observation of the compound eyes of female and male adults of *Harmonia axyridis* ab. *conspicua* by using scanning electron microscopy

A: 雌虫头部 Head of female; B: 雄虫头部 Head of male; C: 雌虫复眼 The compound eye of female; D: 雄虫复眼 The compound eye of male; E: 雄虫复眼中心区域(箭头所示为感觉毛) The center area of the compound eye of male (arrows indicate the sensilia); F: 雄虫复眼边缘区域(箭头所示为感觉毛) The periphery of compound eye of male (arrows indicate the sensilia); G-I: 复眼上的感觉毛 Sensilla of the compound eye.

表 1 异色瓢虫显现变种雌、雄成虫复眼形态和小眼数目比较

Table 1 Comparison of morphology of compound eyes and the number of ommatidia between female and male adults of *Harmonia axyridis* ab. *conspicua*

性别 Sex	小眼个数 Number of ommatidia	头正前面眼间距(μm) Distance of eyes	复眼长(背侧缘至腹侧缘)(μm) Ommatidial length (from lateral dorsal to lateral ventral)	复眼宽(前缘至后缘)(μm) Ommatidial width (from anterior to posterior)
雌虫 Female	705 ± 21.65 aA	697.68 ± 2.81 aA	596.47 ± 4.25 aA	489.65 ± 7.36 aA
雄虫 Male	691 ± 14.01 aA	696.51 ± 8.50 aA	588.51 ± 12.90 aA	477.25 ± 5.44 aA

表中数据为平均值 ± 标准差，同列数据后不同大、小字母分别表示 0.01 和 0.05 水平上差异显著 (Duncan 氏多重比较); 表 2 同。The data in the table are mean ± SD, and values with different capital and small letters in the same column are significantly different at 0.01 and 0.05 level, respectively (Duncan's multiple range test). The same for Table 2.







